

# INTERNATIONAL SEARCH REPORT

International Application No

PCT/GB2004/002887

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A61K31/7048 A61P1/12 A61P11/00 A61K31/65 A23K1/17

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A61K A61P A23K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, BIOSIS, EMBASE, CHEM ABS Data, SCISEARCH

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	HOMMEZ, J. ET AL: "Susceptibility of different Serpulina species in pigs to antimicrobial agents" VLAAMS DIERGENEESKUNDIG TIJDSCHRIFT , 67(1), 32-35 CODEN: VDTIAX; ISSN: 0303-9021, 1998, XP001183660 the whole document	1-7, 15
A	WO 02/32233 A (ECO ANIMAL HEALTH LTD ; SANDERS MICHAEL JOHN (GB)) 25 April 2002 (2002-04-25) cited in the application page 1 - page 3 page 8, paragraph 2 page 11, line 20 - line 30 ----- -/--	1-7, 15

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*G\* document member of the same patent family

Date of the actual completion of the international search

29 September 2004

Date of mailing of the international search report

06/10/2004

Name and mailing address of the ISA

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	JACKS T M ET AL: "3-ACETYL4''-ISOVALERYL TYLOSIN FOR PREVENTION OF SWINE DYSENTERY" AMERICAN JOURNAL OF VETERINARY RESEARCH, XX, XX, vol. 47, no. 11, November 1986 (1986-11), pages 2325-2328, XP001053272 ISSN: 0002-9645 page 2325 page 2328	1-7, 15
X	----- VAN VEEN L ET AL: "In vitro antibiotic sensitivity of strains of Ornithobacterium rhinotracheale isolated in the Netherlands between 1996 and 1999" VETERINARY RECORD 17 NOV 2001 UNITED KINGDOM, vol. 149, no. 20, 17 November 2001 (2001-11-17), pages 611-613, XP009037252 ISSN: 0042-4900 the whole document	8-14, 16
X	----- VARGA J ET AL: "Characterisation of some Ornithobacterium rhinotracheale strains and examination of their transmission via eggs" ACTA VETERINARIA HUNGARICA, vol. 49, no. 2, 2001, pages 125-130, XP009037253 ISSN: 0236-6290 abstract tables 1,2	8-14, 16
A	----- DATABASE CHEMABS CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US; 1997, LEE MUN-HAN ET AL: "Studies on efficacy and establishment of withdrawal time of acetyl isovaleryl tylosin tartrate and chlortetracycline combination for bacterial pneumonia therapy in swine: I. Antimicrobial activity of acetyl isovaleryl tylosin tartrate and chlortetracycline combination in vitro" XP002189926 abstract -----	8-14, 16

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### Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.:  
because they relate to subject matter not required to be searched by this Authority, namely:  
Although claims 5-7 and 12-14 are directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound.
2. ☐ Claims Nos.:  
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

### Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this International application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

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GB2004/002887

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 0232233	A	25-04-2002	AU 9572201 A	29-04-2002
			BR 0114703 A	23-12-2003
			CA 2425319 A1	25-04-2002
			CN 1469742 T	21-01-2004
			EP 1326599 A2	16-07-2003
			WO 0232233 A2	25-04-2002
			JP 2004511498 T	15-04-2004
			US 2004082524 A1	29-04-2004
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